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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/600,462	06/23/2003	Carl Su	MR2349-944	7259

4586 7590 12/15/2003

ROSENBERG, KLEIN & LEE  
3458 ELLICOTT CENTER DRIVE-SUITE 101  
ELLIOTT CITY, MD 21043

EXAMINER
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PATEL, DHIRUBHAI R

ART UNIT	PAPER NUMBER
2831	

DATE MAILED: 12/15/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

NC

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>
	10/600,462	SU, CARL
	<b>Examiner</b>	<b>Art Unit</b>
	DHIRU R PATEL	2831

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) Responsive to communication(s) filed on 23 June 2003.
- 2a) This action is FINAL.      2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) Claim(s) 1-3 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) Claim(s) \_\_\_\_\_ is/are allowed.
- 6) Claim(s) 1-3 is/are rejected.
- 7) Claim(s) \_\_\_\_\_ is/are objected to.
- 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. §§ 119 and 120

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) All b) Some \* c) None of:  
1. Certified copies of the priority documents have been received.  
2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 13) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.  
a) The translation of the foreign language provisional application has been received.
- 14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

#### Attachment(s)

- 1) Notice of References Cited (PTO-892)      4) Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_.  
2) Notice of Draftsperson's Patent Drawing Review (PTO-948)      5) Notice of Informal Patent Application (PTO-152)  
3) Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_.      6) Other: \_\_\_\_\_

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***Drawings***

1. The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, a different voltage output can be selected and a circuit board recited in claims 1 and 3 respectively must be shown or the feature(s) canceled from the claim(s). The examiner suggest showing reference number for a different voltage output can be selected and a circuit board. A proposed drawing correction or corrected drawings are required in reply to the office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance. No new matter should be entered.

Applicant is responsible for showing reference number for claimed invention.

2. Applicant is required to submit a proposed drawing correction in reply to this office action. However, formal correction of the noted defect may be deferred until after the examiner has considered the proposed drawing correction. Failure to timely submit the proposed drawing correction will result in the abandonment of the application.

***Specification***

3. The abstract of the disclosure is objected to because of legal phraseology ("comprises" at line 1) Correction is required. See MPEP § 608.01(b).

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***Claim Rejections - 35 USC § 112***

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

4. Claims 1-3 are rejected under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

In claim 1 lines 2-3, “ a circuit having ..... DC voltage outputs” is confusing because it is not clear that what is several sets of DC voltage outputs?. The examiner interpreted as two sets of DC voltage outputs.

In claim 1 line 7, “ a different voltage output can be selected” is confusing because it is not clear that any selector switch being used to select a voltage output?. The inventor should explain how a different voltage can be selected as well as shown on the drawings.

In claim 3 lines 2-3, a circuit board to ... electric connection” is confusing because it is not clear that an electric connection for AC or DC voltage, also it should be shown on the drawings.

***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103 (a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and

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the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 1-3 as best understood, are rejected under 35 U.S.C. § 103 (a) as being unpatentable over Wu (6,628,535).

Wu discloses:

Regarding claim 1, A multi-voltage adaptor 1 (see fig 1) comprising:  
a voltage adapting body 11 with a circuit having several sets of DC voltage outputs disposed therein (see figs 1 and 5, column 1 lines 49-57, and column 3 lines 24-30),  
a positioning base 3 having multiple hole positions V1-V4 (holes for terminals V1'-V4', see fig 3) ; and a positioning component 4 with positioning poles V1'-V4'-capable of connecting a hole position of said positioning base disposed thereon (see fig 3, column 3 lines 65-67, column 4 lines 1-20); whereby a different voltage output can be selected through a different position of said positioning poles (see abstract lines 1-17), but fails to disclose said positioning base 3 being disposed on said voltage adapting body . It would have been obvious to one having ordinary skill in the art at the time the invention was made to provide the assembly of Wu with said base 3 being disposed on said voltage adapting body , since it has been held that forming in one piece an article which has formerly been formed in two pieces and put together involves only routine skill in the art. Howard v. Detroit Stove Works, 150 U.S. 164 (1893).

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Regarding claim 2, It is noted that the modified assembly of Wu meets the structural limitations.

Regarding claim 3, Claim 3 is included in this rejection as best understood (see fig 4).

***Contact information***

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dhiru Patel whose telephone number is (703) 308 -3748. The examiner can normally be reached on Mondays- Thursdays from 6:30 am to 4:00 pm. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dean Reichard be reached at 703-308-3682. The fax number for this Group is 703-305-3431. Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 308-0956.

Dhiru Patel  
Patent Examiner  
Group Art Unit 2831  
December 1, 2003

*Dhiru R Patel*  
*Primary Examiner*  
*12/11/03.*